1. (Amended) An image processing apparatus comprising:

a plurality of rendering sections arranged to respectively render color component images on the basis of data common to the respective color components; and

a converter arranged to convert the rendered color component images into color component images for printing in synchronism with operation of a printer engine.

2. (Amended) The apparatus according to Claim 1, wherein each of said plurality of rendering sections comprises a memory having a memory capacity large enough to render at least a two-band color component image obtained by dividing a page into bands.

3. (Amended) The apparatus according to claim 2, wherein said memory is divided into areas in units of bands, and the divided areas are alternately used for the image rendering operation and outputting of an image to said converter.

4. (Amended) The apparatus according to claim 1, further comprising a rendering controller arranged to respectively supply the common data to each of said plurality of rendering sections at substantially the same time and to control said plurality of rendering sections to simultaneously render additive color mixture images.

5. (Amended) The apparatus according to claim 1, further comprising an output section arranged to output the color component images for printing to the printer engine in accordance with the operation of the printer engine.

6. (Amended) The apparatus according the clam 5, wherein said output section comprises a delay section arranged to compensate timing differences in forming the respective color component images in the printer engine.

7. (Unchanged From Prior Version) The apparatus according to claim 1, wherein the data common to the respective color components is made up of a display list and print element data.

8. (Unchanged From Prior Version) The apparatus according to claim 7, wherein the display list is a list of print elements obtained by dividing a print image and arranged in an order of occurrence.

9. (Unchanged From Prior Version) The apparatus according to claim 7, wherein the print element data is image data representing one of a character, symbol, graphic pattern, color data, and image data.

10. (Amended) An image processing method comprising the steps of:

rendering color component images by operating a plurality of rendering

sections, respectively, on the basis of data common to the respective color components; and

converting the rendered color component images into color component

images for printing in synchronism with operation of a printer engine.

11. (Unchanged From Prior Version) The method according to claim 10,

further comprising the step of rendering a color component image in units of bands by

using a memory having a memory capacity enough to render at least a two-band image.

12. (Amended) The method according to claim 11, further comprising the

step of dividing the memory into areas in units of bands, and alternately using the divided

areas for image rendering in said rendering step and outputting of an image for conversion

in said converting step.

13. (Amended) A computer program product storing a computer-readable

medium comprising program code for image processing, said product comprising process

procedure codes for:

rendering color component images by operating a plurality of rendering

sections, respectively, on the basis of data common to the respective color components;

and

converting the rendered color component images into color components

images for printing in synchronism with operation of a printer engine.